



Golder Associates Inc.

5200 Pasadena N.E., Suite C
Albuquerque, NM USA 87113
Telephone (505) 821-3043
Fax (505) 821-5273
www.golder.com



April 7, 2009

Ref: 063-2332 Phase 0009

Mr. Tom Leck, Project Manager
New Mexico Environment Department
Petroleum Storage Tank Bureau
5500 San Antonio, NE, Albuquerque, NM

Subject: Remediation System Shutdown Operations - Deliverable ID 15296-16 (Contingency)
Thriftway 220, 609 E. 20th, Farmington, New Mexico
Facility ID: 29521 Release ID: 2035 WPID: 15355

Dear Mr. Leck:

Golder Associates Inc. (Golder), has prepared this letter to report the removal from service ("moth balling") of the remediation system at the referenced site. These activities were conducted due to the New Mexico Environment Department's direction to cease further work on this project until a new contract agreement is executed.

Work completed included the following:

- Clean-up of debris and organization of materials within the remediation compound and steel equipment building.
- Removal of four empty 55-gallon and one 7.5-gallon drums that contained scale inhibitor (Analytix AN-310FG). The empty drums were transported to Golder's warehouse in Albuquerque. One empty spare 55-gallon drum remains onsite.
- Disposal of several empty plastic containers (approximately 1-gallon each).
- Removal and inspection of air stripper trays. The trays were in good conditions with some scale but none of the holes were clogged. The trays were rinsed with water and replaced (See Photo 3). The sump was drained of water and rinsed.
- Removal, cleaning, and replacement of the sight tube that indicates air stripper sump water level.
- Removal and cleaning of the hoses on the scale inhibitor metering pump. The existing 55-gallon drum of scale inhibitor was nearly full, so it was replaced and the caps placed to seal it up for later use.
- Closed multiphase extraction well system valves and air stripper control valves.
- Checked and recorded fluid level of non-aqueous phase liquid (NAPL) in disposal tank. The 120-gallon tank is one-third full of NAPL.
- Checked the condition of the interior/exterior piping. Fittings and pipes for MPE-5, MPE-5, and RW-2 were broken and will require repair. No other visible breaks were observed.
- Checked and recorded readings on injection well totalizing meters: GWI-1 (742,900 gallons) GWI-2 (1,403,200 gallons) and GWI-3 (1,852,400 gallons). Approximately 3,998,500 gallons of groundwater have been re-injected since start-up.

We recommend the following work be completed prior to restarting the system:

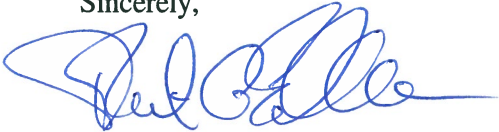
- Repair broken fittings and pressure test all pipes conveying water.
- Flush the air stripper with clean water.
- Remove and dispose NAPL from storage tank.
- Test scale inhibitor metering pump with clean water prior to connection of scale inhibitor.

- Replace building interior heater unit (See Photo 3) with a unit manufactured to perform in humid environments.
- Check the entire electrical system function after the SVE blower is connected.
- The interior paint in the steel building is flaking (See Photo 3) and will need to be scrubbed with a wire brush to remove the loose paint and re-coated.

The SVE Blower is in-place but no pipe or electrical connections have been made. The materials for the emissions stack are onsite and in the control building. This work is discussed further in the SVE Blower Module Report (Deliverable ID 15293-17).

If you have questions or comments, please contact me at (505) 821-3043.

Sincerely,



Robert Ederer, P.E.
Project Manager



Bob Newcomer, R.G.
Managing Associate

Attachments: Photographs

REMEDIATION SYSTEM SHUT-DOWN PHOTOGRAPHS (April 30, 2009)
Thriftway 220, FARMINGTON, NM



Photo 1 – Remediation Compound (View South-East)

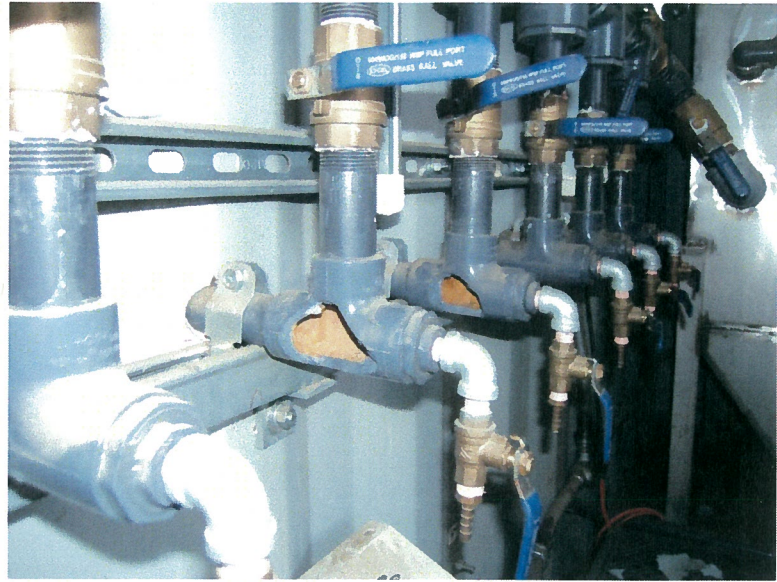


Photo 2 – Broken Fittings (View North-West)

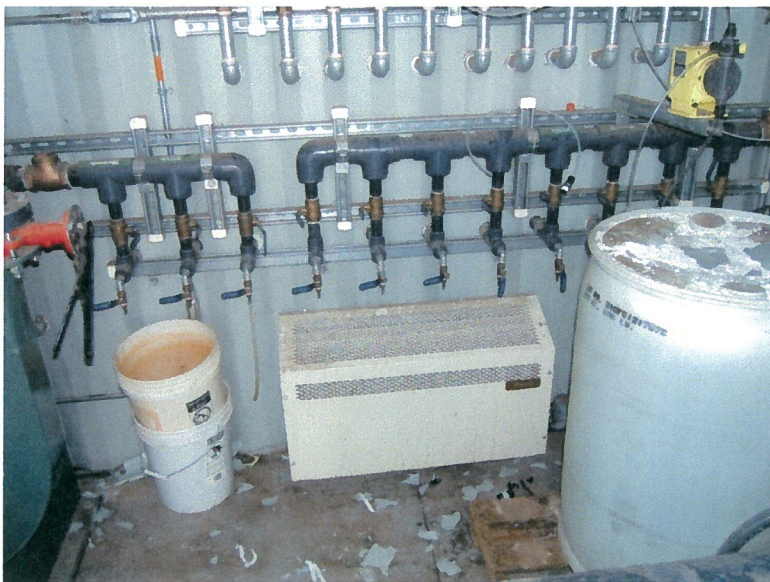


Photo 3 – Building Interior (View West)

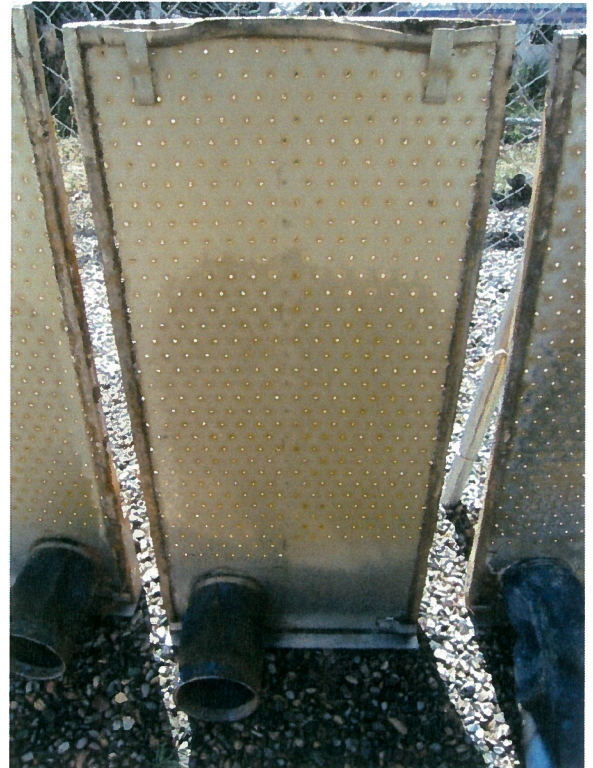


Photo 4 – Cleaned Air Stripper Trays